

Transportation Curriculum Coordination Council (TCCC)

San Diego, CA

February 2003—Activity Plan

Plan Activities	Description of Plan Activity	Lead	Product Delivery Date
TCCC Pooled Fund Project	Fund has \$195,000 so far. Goal is \$1 million per year for 5 years. This will fund 8–12 projects a year. FHWA HQ (HIAM) will administer the fund. Fund is 100% FA eligible. Private donations are accepted. C Newman to provide update by March 1, 2003	Task Force Jim Sorenson (FHWA-HIAM) Brian Cawley (FHWA-MRC)	March 2003 (update to go out).
TCCC Administrative Manager & TCCC Strategic Plan	June Dea is on board. Work has started on a TCCC strategic plan. Web site, coordinating meetings, promoting TCCC, and managing pooled fund.	Jim Sorenson (FHWA-HIAM)	Strategic Plan targeted for May 1, 2003
Core Curriculum Development	April 15 rough drafts of matrices to team leaders, Final draft by May 01. Ready for NTB by May 15 . Curricula will be divided into Construction; Materials; Maintenance; Employee Development; and Safety Features, Work Zones, and Worker Safety.	Jim Sorenson (FHWA-HIAM) Construction (Alan Samuels) Materials (Woody Hood) Maintenance (Bob Peda) Empl. Dev. (Chris Anderson) Safety (Jack Cowser)	June03
Process for Curriculum Implementation	Develop guidelines for implementation of TCCC products and materials. This issue is tabled until an Executive Director is brought on board through the pooled fund.	Tom Malerk (FLDOT) Chris Newman (HAIM) Garth Newman (ITD)	On Hold
National Certification Conference	A TCCC task group will be established to coordinate this potential workshop with the National Training Directors Meeting in 2004 in Kansas City. Letter to be drafted for funding thru TRB.	Chris Anderson (Iowa DOT) Chris Newman	Letter Mar03

Concrete & Steel Structures Construction Inspector	<p>WAQTC has this course proposed for development. Procurement of a consultant is on hold for the WAQTC pooled fund project. HIAM & TCCC pooled fund moneys requested to get a contract underway. Interested parties should contact Garth Newman of the WAQTC or Robert Salazar NMSHTD</p> <p>ACI training materials will be solicited for incorporation into the new course. An ACI training course has been developed and is currently available.</p>	Garth Newman (ITD) Tom Malerk (Florida DOT)	RFP due April 15 based on Scope /SOW
Instructor Development Course	<p>Chris Anderson audited NHI's instructor development course on April 22-26 for possible modification and utilization by the TCCC. A two-page report was prepared, recommending that a new, shorter course be developed. This new course would use some of the lectures from the current class but not as much of the presentation evaluation material, as well as information from existing DOT courses. This subject area is a priority for the TCCC. Chris will request information on existing DOT courses through Paula McGee and the NTD and will report in June. Further action will be decided at that time.</p>	Chris Anderson (Iowa DOT) Douglas Townes (FL DOT) Paula McGee (NM)	June 03
Facilitate AASHTO Standard Changes	<p>WAQTC-Mike San Angelo is contact for a Test Provisional that is at SOM for revision. Jim Sorenson will request that AASHTO wave the fees for use of test methods for member States. On-going.</p>	Mike San Angelo & Tom Malerk	August03
TCCC Web Site	<p>The Web site (www.nhi.fhwa.dot.gov/tccc) made its debut in January 2002 but still needs work. Dan Sanayi and June Dea will work with Michele Cribbs to update the site and add available training courses. Work is underway.</p>	Dan Sanayi – HIAM, June Dea	Update and process by April 15.

Geotechnical Inspection	National Geotechnical inspection program headed up by Peter Osborn The technical working group has requested TCCC pooled fund support for the next two proposed modules: Subsurface Investigations and Reinforced Soil Structures. The TCCC requires additional scope information for Subsurface Investigations as to how it relates to the construction inspector. Chris Newman will coordinate with Peter and report to the group by April 1.	Peter Osborn (FHWA-RI)	Addition al Scope due by April 1, 2003.
Training Effectiveness Evaluation	The TCCC National Training Committee has presented a scope of work to the TRB for a national synthesis on training effectiveness evaluation/benefit analysis study. Action depends upon nature of response.	Chris Anderson (Iowa DOT)	Response from TRB by April.
Computer-Based Training Market Research/RFP	Mike Moravec (FHWA) has put together a proposal for CBT's for construction inspection that was to be presented at the February TCCC meeting. June Dea will distribute this proposal to the TCCC for information. June will prepare a scope of work for multi-media experts to craft a proposal to address HMA Paving and Asphalt Plant Inspection to be supplied by the June meeting. The scope will be distributed to the TCCC for review.	Mike Moravec (FHWA-ERC) June Dea	March 15 Current proposal Scope by April 15 Proposal by June meeting.
Resident Engineer Academy	The task group did a review of programs in California, Washington State, and Maryland/Virginia. A draft summary report was provided in February 2003. Tim Chavez, Lee Onstott, and Alan Samuels will finalize the report and provide to the TCCC for distribution.	Lee Onstott (NMSHTD)	May 1

Managing Construction Workmanship	AASHTO SOC initiated to capture experience before retirements. Allan Samuels (Arizona DOT) has been working on a Qualitative Check List. NHI construction workmanship initiative. An RFP went out. Responses to the RFP are under review. Chris Newman, Jim Sorenson, and Alan Samuels will conference to decide a course of action to proceed or re-Ad.	Chris Newman (NHI), Alan Samuels	June
Training for High Strength Bolting Installers for Overhead Sign Structures	Woody Hood did an AASHTO Materials list server survey on this subject and the response has been overwhelming in the need for this training. He also did a presentation on the TCCC at our Structural Committee for Economic Fabrication (SCEF) and this committee was very interested in taking on this subject. Jerry Schroeder, FHWA, is a member of this group and is willing to work with them on developing this training. TCCC wants to explore a course that encompasses all classifications of structural bolting.	Woody Hood (Maryland DOT)	Update May 1
Training for Profilers	This course is completed. It covers more than would be required for training and certification of operators as it is, but it was developed with modules that can be used to develop a training and certification program for operators.	NHI, Mid-Atlantic Regional Group	Available
Training for Non-Nuclear Density Gage	Research efforts are ongoing. Update will be provided at the next TCCC meeting.	Lee Gallivan (FHWA--IN) Tom Malerk (Florida DOT)	June 03
Training and Certifications for Maintenance Technicians with MPPP	TCCC activities will be shared with the Midwestern Partnership for Pavement Preservation (MPPP) for inclusion in pavement preservation activities and shared with FHWA-HIAM. On-going.	Lee Gallivan (FHWA-IN)	On-going

Work Zone Traffic Control Safety	Four NHI courses are under development. A New Jersey DOT computer course is currently available. Celso Gatchilian, FHWA-HIAM, and Jim Sorenson, FHWA-HIAM, will provide support to Jack Cowsert, NC-DOT.	Jack Cowsert (NC-DOT)	April 15, 03
Field Structural Coatings Inspection	Activities are underway by FHWA, AASHTO, SSPC, NACE & eight States. An ETG was formed during the Winter of 2001-02 and met in April. A training course is scheduled to be online in the Winter of 2002-03 that will result in a "baseline certification." Other modules will be for specialty topics in coatings. Dan Sanayi will coordinate with this group and provide updates to the TCCC.	Bob Kogler, Mike Praul - FHWA Dan Sanayi - HIAM	April 15, 2003 Update
QA Technologist	This course is targeted at a QC Manager and is developed in a non-state specific format. This course is essentially complete. Final delivery is targeted for April 1, 2003, and classes will be available in May. Contact Greg Doyle or Chris Bowker of NETTCP. Prior to national distribution the course will undergo a peer review.	Greg Doyle (FHWA-MA)	April 03